

Classwork Lesson 3



Name Jack Date \_\_\_\_\_

1. Rewrite the following numbers including commas where appropriate:

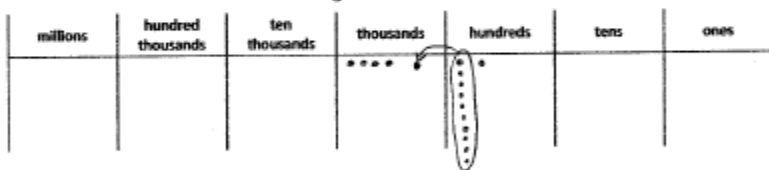
- a. 1234 1,234      b. 12345 12,345      c. 123456 123,456  
 d. 1234567 1,234,567      e. 12345678901 12,345,678,901

2. Complete the following chart:

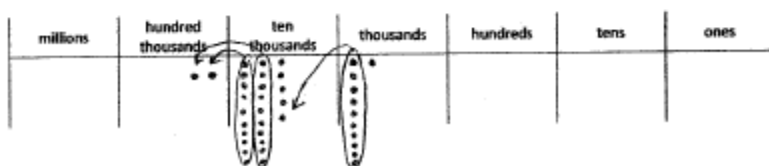
Expression	Standard Form
5 tens + 5 tens	100
3 hundreds + 7 hundreds	1,000
400 thousands + 600 thousands	1,000,000
8 thousands + 4 thousands	12,000

3. Represent each addend with number disks in the place value chart. Show the composition of larger units from 10 smaller units. Write the sum in standard form.

a. 4 thousands + 11 hundreds = 5,100



b. 24 ten thousands + 11 thousands = 251,000





4. Use the place value chart to represent the following equations with numbers or disks. Write the product in standard form.

a.  $10 \times 3 \text{ thousands} = \underline{30,000}$   
 How many thousands are in the answer? 30

millions	hundred thousands	ten thousands	thousands	Hundreds	Tens	ones
		•••	•••			
			← $\times 10$			

b.  $(3 \text{ ten thousands } 2 \text{ thousands}) \times 10 = \underline{320,000}$   
 How many thousands are in the answer? 320

millions	hundred thousands	ten thousands	thousands	Hundreds	tens	ones
	•••	•••	•••			
	← $\times 10$	← $\times 10$				

c.  $(32 \text{ thousands } 1 \text{ hundred } 4 \text{ ones}) \times 10 = \underline{321,040}$   
 How many thousands are in your answer? 321

millions	hundred thousands	ten thousands	thousands	Hundreds	tens	ones
	•••	•••	•••	•	•••	•••
	← $\times 10$	← $\times 10$	← $\times 10$	← $\times 10$	← $\times 10$	← $\times 10$

5. Lee and Gary visited South Korea. They exchanged their dollars for South Korean bills. Lee received 15 ten thousand South Korean bills. Gary received 150 thousand bills. Use disks or numbers on a place value chart to compare Lee and Gary's money.

hundred thousands	ten thousands	thousands	hundreds	tens	ones
Lee	15	0	0	0	0
Gary	150	0	0	0	0

Lee and Gary have the same amount of money.  
 $15 \text{ ten thousands} = 150,000$   
 $150 \text{ thousands} = 150,000$

